



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year: 2008	Park: Shenandoah NP	Select the type of permit this report addresses: Scientific Study										
Name of principal investigator or responsible official: Andrew Dolloff		Office Phone: (540)231-4864										
Mailing address: Dept of Fish and Wildlife Virginia Tech Blacksburg, VA 24061 US		Office FAX Office Email adoll@vt.edu										
Additional investigators or key field assistants (first name, last name, office phone, office email) <table><tr><td>Name: Craig Roghair</td><td>Phone:</td><td>Email: croghair@fs.fed.us</td></tr><tr><td>Name: Colin Krause</td><td>Phone: 540 231-4016</td><td>Email: ckrause@fs.fed.us</td></tr><tr><td>Name: Don Orth</td><td>Phone: 540 231-5573</td><td>Email: dorth@vt.edu</td></tr></table>				Name: Craig Roghair	Phone:	Email: croghair@fs.fed.us	Name: Colin Krause	Phone: 540 231-4016	Email: ckrause@fs.fed.us	Name: Don Orth	Phone: 540 231-5573	Email: dorth@vt.edu
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Name: Don Orth	Phone: 540 231-5573	Email: dorth@vt.edu										
Project Title (maximum 300 characters): Long Term Recovery of Fish Populations after a 500 Year Flood Event in a Shenandoah National Park Stream												
Park-assigned Study or Activity #: SHEN-00241	Park-assigned Permit #: SHEN-2006-SCI-0002	Permit Start Date: Mar 08, 2006	Permit Expiration Date: Mar 08, 2009									
Scientific Study Starting Date: Mar 08, 2006		Estimated Scientific Study Ending Date: Mar 08, 2012										
For either a Scientific Study or a Science Education Activity, the status is: Continuing		For a Scientific Study that is completed, please check each of the following that applies: <input type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed										
Activity Type: Research												
Subject/Discipline: Fish / Ichthyology												

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters):

Document the long term influence of a flood and debris flow on a brook trout population. Determine growth, survival, and movements using PIT tags and basinwide sampling methods.

Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

Continued annual spring and fall basinwide sampling in Staunton River and Paine Run. Brook trout numbers and distribution were average in Staunton River and low in Paine Run owing to continued drought.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):

\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):

\$5000

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average 1.625 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3127 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.